

 FORM HDP-1449 (Based on Form PTO-1449) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) Sheet 1 of 8	ATTORNEY DOCKET NO.	SERIAL NO.
	46500-000581/US	10/715,462
	APPLICANT	
	Kang Soo SEO et al.	
	FILING DATE	GROUP
	November 19, 2003	2621

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	/HS/	US 2001/0014070	08/16/2001	ANDO et al.		
2.	/HS/	US 2001/0026679	10/04/2001	KOSHINO et al.		
3.	/HS/	US 2001/0030710	10/18/2001	WERNER		
4.	/HS/	US 2001/0036358	11/01/2001	KIM et al.		
5.	/HS/	US 2002/0018416	02/14/2002	HEO		
6.	/HS/	US 2002/0041557	04/11/2002	HEO		
7.	/HS/	US 2002/0046328	04/18/2002	OKADA		
8.	/HS/	US 2002/0093556	07/18/2002	ISHIZAWA et al.		
9.	/HS/	US 2002/0093886	07/18/2002	IJICHI et al.		
10.	/HS/	US 2002/0106196	08/08/2002	YAMAUCHI et al.		
11.	/HS/	US 2002/0126994	09/12/2002	GUNJI et al.		
12.	/HS/	US 2002/0129036	09/12/2002	HO YUEN LOK et al.		
13.	/HS/	US 2002/0135608	09/26/2002	HAMADA et al.		
14.	/HS/	US 2002/0159368	10/31/2002	NODA et al.		
15.	/HS/	US 2002/0177914	11/28/2002	CHASE		
16.	/HS/	US 2002/0180803	12/05/2002	KAPLAN et al.		
17.	/HS/	US 2003/0035681	02/20/2003	HO		
18.	/HS/	US 2003/0058948	03/27/2003	KELLY et al.		
19.	/HS/	US 2003/0103604	06/05/2003	KATO et al.		
20.	/HS/	US 2003/0123346	07/03/2003	ISHII et al.		
21.	/HS/	US 2003/0123845	07/03/2003	KODA et al.		
22.	/HS/	US 2003/0147322	08/07/2003	ONO		
23.	/HS/	US 2003/0161615	08/28/2003	TSUMAGARI et al.		
24.	/HS/	US 2003/0235404	12/25/2003	SEO et al.		
25.	/HS/	US 2004/0014136	01/22/2004	ISHII et al.		
26.	/HS/	US 2004/0047591	03/11/2004	SEO et al.		

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Date Considered: 08/25/2008

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PATENT AND TRADEMARK OFFICE
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27.	/HS/	US 2004/0076402	04/22/2004	JUNG et al.		
28.	/HS/	US 2004/0114908	06/17/2004	ITO		
29.	/HS/	US 2004/0156621	08/12/2004	SEO et al.		
30.	/HS/	US 2004/0208135	10/21/2004	NAKAMURA et al.		
31.	/HS/	US 2004/0213105	10/28/2004	SEO et al.		
32.	/HS/	US 2004/0220791	11/04/2004	LAMKIN et al.		
33.	/HS/	US 2005/0019007	01/27/2005	KATO et al.		
34.	/HS/	US 2005/0025459	02/03/2005	KATO et al.		
35.	/HS/	US 2005/0036763	02/17/2005	KATO et al.		
36.	/HS/	US 2006/0013564	01/19/2006	HAMADA et al.		
37.	/HS/	US 2006/0110132	05/25/2006	TAKAKUWA et al.		
38.	/HS/	US 2006/0222340	10/05/2006	YAMAUCHI et al.		
39.	/HS/	US 5521898	05/28/1996	OGASAWARA		
40.	/HS/	US 5583652	12/10/1996	WARE		
41.	/HS/	US 5602956	02/11/1997	SUZUKI et al.		
42.	/HS/	US 5630006	05/13/1997	HIRAYAMA et al.		
43.	/HS/	US 5691972	11/25/1997	TSUGA et al.		
44.	/HS/	US 5703997	12/30/1997	KITAMURA et al.		
45.	/HS/	US 5734788	03/31/1998	NONOMURA et al.		
46.	/HS/	US 5742569	04/21/1998	YAMAMOTO et al.		
47.	/HS/	US 5784528	07/21/1998	YAMANE et al.		
48.	/HS/	US 5884004	03/16/1999	SATO et al.		
49.	/HS/	US 5917781	06/29/1999	KIM		
50.	/HS/	US 5923869	07/13/1999	KASHIWAGI et al.		
51.	/HS/	US 5933410	08/03/1999	NAKANE et al.		

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52.	/HS/	US 5953290	09/14/1999	FUKUDA et al.		
53.	/HS/	US 5999694	12/07/1999	YASUDA et al.		
54.	/HS/	US 6014495	01/11/2000	MORIYAMA et al.		
55.	/HS/	US 6064385	05/16/2000	STURGEON et al.		
56.	/HS/	US 6064796	05/16/2000	NAKAMURA et al.		
57.	/HS/	US 6067400	05/23/2000	SAEKI et al.		
58.	/HS/	US 6084581	07/04/2000	HUNT		
59.	/HS/	US 6097676	08/01/2000	FUJINAMI		
60.	/HS/	US 6118927	09/12/2000	KIKUCHI et al.		
61.	/HS/	US 6215746	04/10/2001	ANDO et al.		
62.	/HS/	US 6247022	01/12/2001	YANKOWSKI		
63.	/HS/	US 6292226	09/18/2001	YAMANAKA et al.		
64.	/HS/	US 6308005	10/23/2001	ANDO et al.		
65.	/HS/	US 6321027	11/20/2001	HONJO		
66.	/HS/	US 6336002	01/01/2002	YAMAUCHI et al.		
67.	/HS/	US 6356971	03/12/2002	KATZ et al.		
68.	/HS/	US 6373803	04/16/2002	ANDO et al.		
69.	/HS/	US 6377474	04/23/2002	ARCHAMBEAULT et al.		
70.	/HS/	US 6377518	04/23/2002	AUWENS et al.		
71.	/HS/	US 6377747	04/23/2002	MURASE et al.		
72.	/HS/	US 6392969	05/21/2002	HEO		
73.	/HS/	US 6424797	07/23/2002	MURASE et al.		
74.	/HS/	US 6532334	03/11/2003	KIKUCHI et al.		
75.	/HS/	US 6570837	05/27/2003	KIKUCHI et al.		
76.	/HS/	US 6580870	06/17/2003	KANAZAWA et al.		

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77.	/HS/	US 6584277	07/24/2003	TSUMAGARI et al.		
78.	/HS/	US 6615192	09/02/2003	TAGAWA et al.		
79.	/HS/	US 6647496	11/11/2003	TAGAWA et al.		
80.	/HS/	US 6700839	03/02/2004	AUFLICK et al.		
81.	/HS/	US 6727421	04/27/2004	IZAWA et al.		
82.	/HS/	US 6763345	07/13/2004	HEMPLEMAN et al.		
83.	/HS/	US 6766103	07/20/2004	KIM et al.		
84.	/HS/	US 6782192	08/24/2004	TANAKA et al.		
85.	/HS/	US 6798981	09/28/2004	YAMAUCHI et al.		
86.	/HS/	US 6832293	12/14/2004	TAGAWA et al.		
87.	/HS/	US 6859421	02/22/2005	SAWABE et al.		
88.	/HS/	US 6904227	07/07/2005	YAMAMOTO et al.		
89.	/HS/	US 6912218	06/28/2005	JEON		
90.	/HS/	US 6914863	07/05/2005	ONO		
91.	/HS/	US 6965727	11/15/2005	SAWABE et al.		
92.	/HS/	US 6999674	02/14/2006	HAMADA et al.		
93.	/HS/	US 7006758	02/28/2006	YAMAMOTO et al.		
94.	/HS/	US 7113693	09/26/2006	CHATANI et al.		
95.	/HS/	US 7113694	09/26/2006	KIM et al.		

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
96.	/HS/	CN1163673	06/23/2004	CHINA		ABST.	
97.	/HS/	CN1205793	11/05/2003	CHINA		ABST.	
98.	/HS/	CN1212427	03/31/1999	CHINA		ABST.	
99.	/HS/	CN1220458	06/23/1999	CHINA		ABST.	

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100.	/HS/	CN1251680	08/06/2003	CHINA		ABST.	
101.	/HS/	CN1263345	09/08/2004	CHINA		ABST.	
102.	/HS/	CN1272209	11/01/2000	CHINA		ABST.	
103.	/HS/	CN1310445	08/29/2001	CHINA		ABST.	
104.	/HS/	CN1320926	11/07/2001	CHINA		ABST.	
105.	/HS/	CN1346491	04/24/2002	CHINA		ABST.	
106.	/HS/	CN1364387	11/16/2005	CHINA		ABST.	
107.	/HS/	CN1383679	01/25/2006	CHINA		ABST.	
108.	/HS/	CN1393872	01/29/2003	CHINA		ABST.	
109.	/HS/	CN1509572	06/30/2004	CHINA		ABST.	
110.	/HS/	CN1555058	12/15/2004	CHINA		ABST.	
111.	/HS/	CN1571055	01/26/2005	CHINA		ABST.	
112.	/HS/	CN1606355	04/13/2005	CHINA		ABST.	
113.	/HS/	CN1606356	04/13/2005	CHINA		ABST.	
114.	/HS/	CN1606357	04/13/2005	CHINA		ABST.	
115.	/HS/	CN1611071	04/27/2005	CHINA		ABST.	
116.	/HS/	EP0723216	07/24/1996	EUROPE		YES	
117.	/HS/	EP0724264	07/31/1996	EUROPE		YES	
118.	/HS/	EP 0737009	10/09/1996	EUROPE		YES	
119.	/HS/	EP 0831647	03/25/1998	EUROPE		YES	
120.	/HS/	EP0836183	04/15/1998	EUROPE		YES	
121.	/HS/	EP0836189	04/15/1998	EUROPE		YES	
122.	/HS/	EP0858073	08/12/1998	EUROPE		YES	
123.	/HS/	EP 0872839	10/21/1998	EUROPE		YES	
124.	/HS/	EP0949622	10/13/1999	EUROPE		YES	

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125.	/HS/	EP 1469677	10/20/2002	EUROPE		YES	
126.	/HS/	EP1024494	08/02/2000	EUROPE		YES	
127.	/HS/	EP1041565	09/12/2001	EUROPE		YES	
128.	/HS/	EP1041569	01/02/2002	EUROPE		YES	
129.	/HS/	EP 1050880	11/08/2000	EUROPE		YES	
130.	/HS/	EP1103974	05/30/2001	EUROPE		YES	
131.	/HS/	EP1148503	10/24/2001	EUROPE		YES	
132.	/HS/	EP1198132	04/17/2002	EUROPE		YES	
133.	/HS/	EP1198133	04/17/2002	EUROPE		YES	
134.	/HS/	EP1280348	01/29/2003	EUROPE		YES	
135.	/HS/	EP1391119	06/14/2006	EUROPE		YES	
136.	/HS/	EP1398965	03/17/2004	EUROPE		YES	
137.	/HS/	JP10-032780	02/03/1998	JAPAN		ABST.	
138.	/HS/	JP 09-135421	05/20/1997	JAPAN		ABST.	
139.	/HS/	JP 10-032780	06/18/1999	JAPAN		ABST.	
140.	/HS/	JP 11-161663	06/18/1999	JAPAN		ABST.	
141.	/HS/	JP 11-213522	08/06/1999	JAPAN		ABST.	
142.	/HS/	JP 11-259985	09/24/1999	JAPAN		ABST.	
143.	/HS/	JP 11-69308	03/09/1999	JAPAN		ABST.	
144.	/HS/	JP 11-69309	03/09/1999	JAPAN		ABST.	
145.	/HS/	JP 11-96653	04/09/1999	JAPAN		ABST.	
146.	/HS/	JP12-331466	11/30/2000	JAPAN		ABST.	
147.	/HS/	JP1999-296997	10/29/1999	JAPAN		ABST.	
148.	/HS/	JP2000-222822	08/11/2000	JAPAN		ABST.	
149.	/HS/	JP 2002-112201	12/04/2002	JAPAN		ABST.	

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150.	/HS/	JP2000-235779	08/29/2000	JAPAN		ABST.	
151.	/HS/	JP2000-322827	11/24/2000	JAPAN		ABST.	
152.	/HS/	JP2001-157145	06/08/2001	JAPAN		ABST.	
153.	/HS/	JP2001-157208	06/08/2001	JAPAN		ABST.	
154.	/HS/	JP2001-169246	06/22/2001	JAPAN		ABST.	
155.	/HS/	JP2002-150685	09/24/1999	JAPAN		ABST.	
156.	/HS/	JP2002-158972	05/31/2002	JAPAN		ABST.	
157.	/HS/	JP2003-199047	07/11/2003	JAPAN		ABST.	
158.	/HS/	JP2003-520514 = WO 01/52554	07/02/2003	JAPAN		ENGL. EQUIV.	
159.	/HS/	JP 2004-127397	04/22/04	JAPAN		ABST.	
160.	/HS/	JP2005-513936 = WO 03/047261	05/12/2005	JAPAN		ENGL. EQUIV.	
161.	/HS/	JP 3379961	2/24/2003	JAPAN		Machine Translation	
162.	/HS/	JP 3392838	05/17/2002	JAPAN		Machine Translation	
163.	/HS/	JP 3392849	02/07/2003	JAPAN		Machine Translation	
164.	/HS/	KR1996-38743 = US 5,703,997	11/21/1996	KOREA			NO
165.	/HS/	KR1996-38744 = US 5,703,997	11/21/1996	KOREA			NO
166.	/HS/	KR1996-38901 = US 5,703,997	11/21/1996	KOREA			NO
167.	/HS/	KR1996-38905 = US 5,703,997	11/21/1996	KOREA			NO
168.	/HS/	KR1999-0079482	11/05/1999	KOREA		ABST.	
169.	/HS/	KR2000-0053633	08/25/2000	KOREA		ABST.	
170.	/HS/	KR2001-0022702	03/26/2001	KOREA		ABST.	
171.	/HS/	KR2001-0028735	04/06/2001	KOREA		ABST.	
172.	/HS/	KR2001-0051898	06/25/2001	KOREA		ABST.	
173.	/HS/	KR2001-0098007	11/08/2001	KOREA		ABST.	
174.	/HS/	KR2001-0107578	12/07/2001	KOREA		ABST.	

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175.	/HS/	KR2002-0006273	01/19/2002	KOREA		ABST.	
176.	/HS/	KR2002-0020919	03/16/2002	KOREA		ABST.	
177.	/HS/	KR2002-0097454	12/31/2002	KOREA		ABST.	
178.	/HS/	KR2002-0097455	12/31/2002	KOREA		ABST.	
179.	/HS/	WO00/60597	10/12/2000	WIPO		YES	
180.	/HS/	WO01/52554	07/19/2001	WIPO		YES	
181.	/HS/	WO01/82604	11/01/2001	WIPO		ABST.	
182.	/HS/	WO01/82606	11/01/2001	WIPO		ABST.	
183.	/HS/	WO01/82610	11/01/2001	WIPO		ABST.	
184.	/HS/	WO02/080541	10/10/2002	WIPO		ABST.	
185.	/HS/	WO03/047261	06/05/2003	WIPO		YES	
186.	/HS/	WO03/058957	07/17/2003	WIPO		ABST.	
187.	/HS/	WO04/001728	12/31/2003	WIPO		YES	
188.	/HS/	WO04/001750	12/31/2003	WIPO		YES	
189.	/HS/	WO04/001753	12/31/2003	WIPO		YES	
190.	/HS/	WO04/001754	12/31/2003	WIPO		YES	
191.	/HS/	WO 04/32142	04/15/2004	WIPO		ABST.	
192.	/HS/	WO 2004/001752	12/31/2003	WIPO		YES	
193.	/HS/	WO 97/15924	05/01/1997	WIPO		ABST.	
194.	/HS/	WO 97/38527	10/16/1997	WIPO		ABST.	
195.	/HS/	WO99/08281	02/18/1999	WIPO		YES	
196.	/HS/	WO99/38169	07/29/1999	WIPO		ABST.	

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